

Zeitschrift: IABSE structures = Constructions AIPC = IVBH Bauwerke
Band: 3 (1979)
Heft: C-11: Bridges II

Werbung

Nutzungsbedingungen

Die ETH-Bibliothek ist die Anbieterin der digitalisierten Zeitschriften auf E-Periodica. Sie besitzt keine Urheberrechte an den Zeitschriften und ist nicht verantwortlich für deren Inhalte. Die Rechte liegen in der Regel bei den Herausgebern beziehungsweise den externen Rechteinhabern. Das Veröffentlichen von Bildern in Print- und Online-Publikationen sowie auf Social Media-Kanälen oder Webseiten ist nur mit vorheriger Genehmigung der Rechteinhaber erlaubt. [Mehr erfahren](#)

Conditions d'utilisation

L'ETH Library est le fournisseur des revues numérisées. Elle ne détient aucun droit d'auteur sur les revues et n'est pas responsable de leur contenu. En règle générale, les droits sont détenus par les éditeurs ou les détenteurs de droits externes. La reproduction d'images dans des publications imprimées ou en ligne ainsi que sur des canaux de médias sociaux ou des sites web n'est autorisée qu'avec l'accord préalable des détenteurs des droits. [En savoir plus](#)

Terms of use

The ETH Library is the provider of the digitised journals. It does not own any copyrights to the journals and is not responsible for their content. The rights usually lie with the publishers or the external rights holders. Publishing images in print and online publications, as well as on social media channels or websites, is only permitted with the prior consent of the rights holders. [Find out more](#)

Download PDF: 28.07.2025

ETH-Bibliothek Zürich, E-Periodica, <https://www.e-periodica.ch>



Consulting
Planning
Engineering
Project Management



**Electrowatt
Engineering Services Ltd.**

Bellerivestrasse 36, P.O. Box
8022 Zurich/Switzerland
Telephone 01/32 62 61
Telex 53709 ewng ch

Branches and Offices in Europe, Africa, Latin
America, Asia



Whenever Structural Safety is the Point... Kern Precision Instruments are the Right Choice

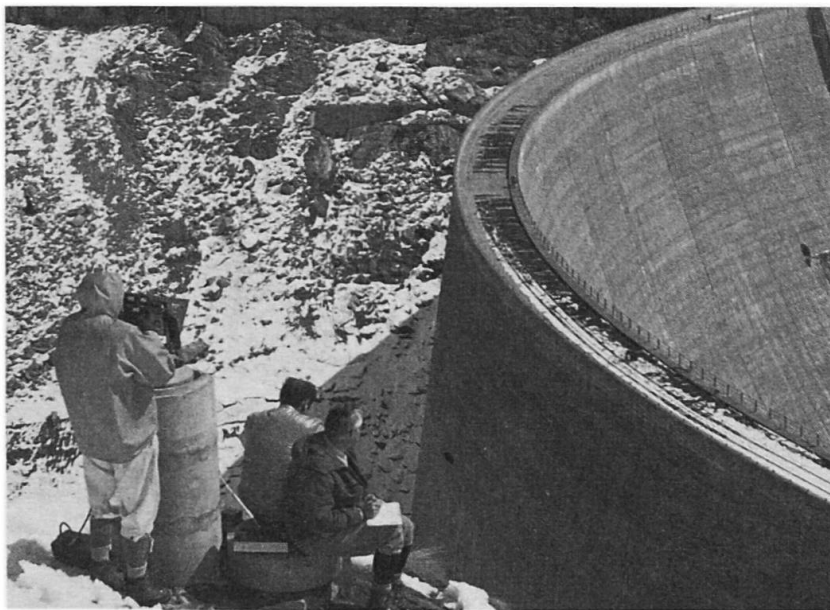
For measuring distances up to 2500 m:

Mekometer ME 3000

Electro-optical Precision Distance Meter with the extremely high accuracy of $\pm (0.2 \text{ mm} + 1 \text{ ppm})$ and a range of 2.5 km. Digital distance display to 0.1 mm.

Universal application: structural deformation measurements, large area slip and displacement measurements, precision layout work and fundamental surveying.

The Mekometer used for dam control measurements



For measuring length variations within a distance range of 50 m:

Distometer ISETH

Precision instrument for accurate determination of length variations by means of Invar wires. Measuring accuracy $\pm 1 \text{ ppm}$; length of the Invar wire 1—50 m; measuring range for length variations 100 mm.

Special advantages: lengths of any inclination including vertical may be measured; simple layout of the measuring arrangement.

Application: structural deformation measurements.

The Distometer ISETH used for tunnel wall deformation measurement

Kern & Co. Ltd.
Mechanical, Optical and
Electronic Precision Instrument
CH-5001 Aarau, Switzerland
Telex 68 106


Please send me your detailed
documentation on:

- Mekometer ME 3000
 Distometer ISETH

Name: _____

Occupation: _____

Address: _____



ARBED ROLL TAILOR-MADE BEAMS

More or less is hardly precise. If you're talking construction, you're talking precision. In any steel-frame structure, the only ideal beam is the one that matches the dimensional and stress requirements of the laws of statics. No more, no less. And if standard beams can't meet these demands, other beams have to be produced: tailor-made beams, developed and manufactured by ARBED for precision building.

Rolled by ARBED on modern universal mills, these beams complete one of the most comprehensive rolling programmes in Europe.

If you'd like to know more about ARBED's tailor-made beams or steel sections, get in touch with our sales organization.

Department Marketing
P.O. Box 1802
Luxembourg

Name _____

Position _____

Department _____

Company _____

Address _____

TRADE ARBED

Survey today – the future way: Wild Tachymat® TC1

The complete survey system for measuring, recording and transferring data to the computer. Angle and distance measurement are fully electronic. The Tachymat measures and displays: Hz and V angles, slope and horizontal distance, difference in height, height above datum, and coordinates. For setting out, it tracks horizontal angle and horizontal distance. With the recording unit attached, measured data, code and other information are recorded. Over 1800 points/blocks of information can be recorded on a cassette. And as cassettes can be inserted as required, the capacity is limitless. It's the most flexible, cost-effective

recording and data-storage system. The Tachymat is a field instrument. Rugged, reliable, accurate, designed for the surveyor. The latest technology coupled with Wild's years of experience in manufacturing surveying equipment see to that. And it's super to operate; just touch a key to measure and another to record. The Wild Tachymat TC1. Available now for today's surveyor. Ready for tomorrow's requirements.

For colour brochure Wild TC 1

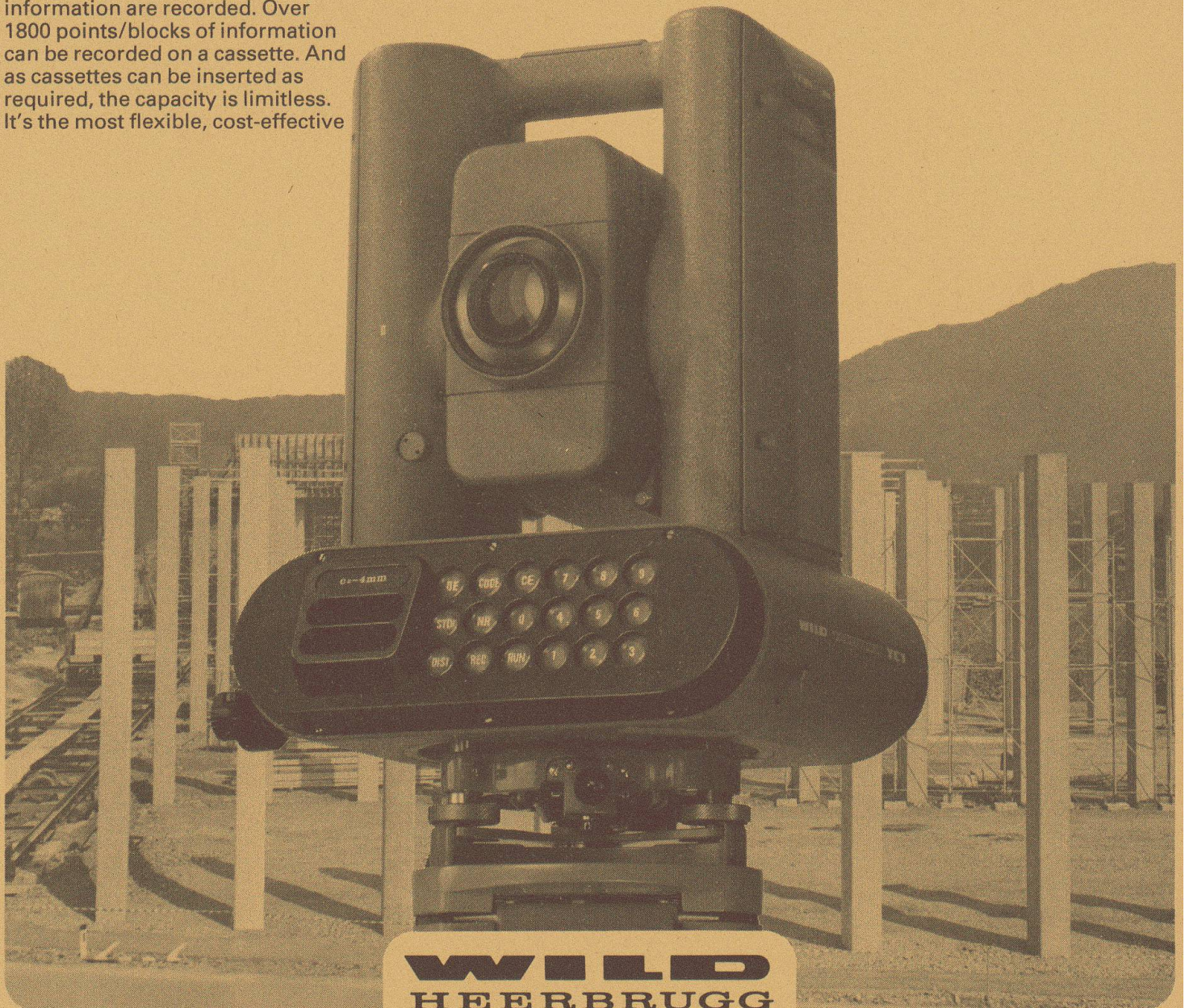
Send this coupon to your next Wild representative or directly to Wild Heerbrugg Ltd., CH - 9435 Heerbrugg, Switzerland.

Name _____

Company _____

Address _____

**Wild Heerbrugg Ltd.
CH - 9435 Heerbrugg, Switzerland**



**WILD
HEERBRUGG**